











Inventions and of New "Circulate, Flush & Refresh" Invention Domains of Effectiveness of Prior "Remove & Replace" Fig. 5

Table I.

## Air in Compacted OCC

<b>←</b>	Air weight calculations utilizing 400 gram sample of OCC	ЩΟ	quations f	Equations for sample data point C in column C	ata point C i	n column
0.60	Cross-sectional Area Of Laboratory Closed Pressure Chamber - square mm	4744 13.6	C17 C18	\$C3*C15 C17		
4 v	Hg. Density Cubic mm/cubic feet	28316847	C19	C17*(C13+C16/\$C4)/(C14-C13- C15/\$C4)	516/\$C4)/(C	14-C13-
(		453.6	C20	C18+C19		
9 1	Grants/pound Pounds/ton	2000	27	(C14+((C16- C15)/\$C4))/(\$C9*\$C8)	(\$C9*\$C8)	
∞	8 Air std. atm. spec vol cubic feet/pound	13.08	C22	(C13+C16/\$C4)/(\$C9 *\$C8)	SC4)/(\$C9	
တ	9 Air std. atm. pressure - mm Hg.	760	C25	((C22*C20/	((C22*C20/\$C5)/(400/\$C6))*\$C7	C6))*\$C7
1 1	Data points	ပ	Ω	Ш	ш	O
12		250	25	760.4	450	450
<u>(</u>	p1 = Fill pressure - mm HG abs	5936	767.4	5936	5936	772
4	p2 = pressure after addition of air to top of closed pressure criambol - mining and - filling - filling and - filling and - filling and - filling and - fill	15	30	31	4	9
15		215	215	215	215	215
16		71160	142320	147064	66416	28464
7	_	71160	142320	147064	66416	28464
78	V1-V2 = Decrease in volume of air in compacted OCC saused by all addition = cubic million	3327	7846	22066	5640	41233
<u>ئ</u>	V2 = Compacted volume @ p2 + (compacted distance down to Vz)/ 15.5 - cubic min.	74487	150166	169130	72056	26969
۲ ۲	•	0.59861	0.07857	0.59850	0.59862	0.07921
22	Compacted density in Vz - inscubic foot Initial density in V1 - lbs/cubic foot	0.02674	0.00411	0.07808	0.04686	0.04686
2 <b>3</b>		250	25	760.4	450	450
52		0.15952	0.04937	1.05//3	0.27043	0.40100